US SALT

SALT POINT ROAD
PO Box 110
WATKINS GLEN, NY 14891-0110
607 / 535-2721

October 7, 2009

US EPA Region 2
Attention: Mr. Luis Rodriguez
Drinking & Groundwater Protection Branch
290 Broadway
New York, NY 10007-1866

Re.: MITs – US Salt LLC Brinefield

Dear Mr. Rodriguez:

Our contract geologist, Larry Sevenker, has completed MIT work on active wells in the US Salt LLC brinefield.

Enclosed please find copies of:

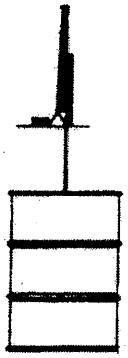
1. MIT reports for wells 48, 50, 51, 56, 60, 61 and 62.

If you have any questions or need additional information, please do not hesitate to contact me.

Sincerely,

Robert Traver
Technical Manager

xc: Peter Briggs - NYSDEC
Larry Sevenker
Dave Crea
Frank Pastore (Cover)



LARRY SEVENKER

Consulting Engineer

4148 Loire Dr.
Kenner, LA 70065

(504) 468-1909
September 28, 2009

Mr. Dave Crea
US Salt Company
P.O. Box 110
Watkins Glen, NY 14891

RE: **MIT Well 48**

Dear Dave:

A water/brine interface MIT pressure test was conducted on well 48. The well 48 casing was pressured with fresh water for the MIT and well 51 casing was used as the reference well containing saturated brine. The testing was conducted to assure mechanical integrity of the well 48 casing of 6-5/8" 24# at 2170'. Water was pumped to within 50' of the bottom of the casing. The well was allowed to stabilize before the mechanical integrity test on the 6-5/8" casing. Well 51 was used as the reference well and the brine was determined to be saturated. Well 51 has 5-1/2" casing cemented to 2211'. The gallery consists of wells 48, 50, 51 and 56. Wells 56 and well 50 were allowed to operate while the water/ brine interface MIT was conducted with well 48 as the test well and well 51 as the reference well.

Well 48 was pressured with 3393 gallons of fresh water. After the pump was shut off and the valves closed, the static wellhead pressure stabilized and the pressure test started using Ashcroft Digital Test Gauges. Pressure recordings were recorded at two hour intervals for 8 hours. Well 48 passed the EPA's MIT casing pressure test requirements for the water/ brine interface pressure test.

MIT of Well 48 API 31-097-61204

Well 48 Construction

Date Drilled	July, 1972			
Elevation			801'	
Surface Casing	13-3/8"	NA#	72'	Cemented NA sx Pozmix
Production Casing	8-5/8"	36#	2427'	Cemented 2000 sx Pozmix
Casing Liner	6-5/8"	24#	2170'	Cemented Class A
Top of Salt			2140'	
Bottom of Salt				2927'
Total Depth			2448'	

Logging Date: November 12, 2008
Log Run: Gamma Ray w/ Casing Collar

MIT Date: September 14, 2009

	Digital Test Pressure Gauges		
Time	Well 48 (Water)	Well 51 (Brine)	NPCR Remarks
Serial #	1304540	1304548	
11:45 am	273.92 psi	137.38 psi	136.54 psi Start test
01:45 pm	272.19 psi	135.76 psi	136.43 psi
03:45 pm	274.44 psi	137.87 psi	136.57 psi
05:45 pm	273.52 psi	137.13 psi	136.39 psi
07:45 pm	274.21 psi	137.78 psi	136.43 psi End test
Change	0.29 psi	0.40 psi	
Avg Start	273.92 psi -	137.38 psi =	136.54 psi
Avg End	274.21 psi -	137.78 psi =	136.43 psi

Avg Start - Avg End / Test Hours (136.54 psi – 136.43 psi) / 8 Hrs = 0.014 psi / Hr
MIT 8 hour test, change 0.11 psi or 0.014 psi /Hour
Test Limit 0.05 psi / Hr

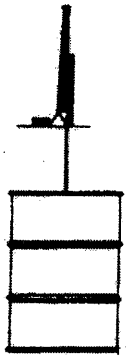
Well 48 passed the EPA MIT for water/brine interface test criteria with 0.014 psi /Hr requirements on September 14, 2009.

NPCR = Net Pressure Change Rate

If you have any questions or comments, please contact me.

Sincerely,

Larry Sevenker
Consulting Engineer
(o) 504-468-1909
(c) 504-388-1909



LARRY SEVENKER

Consulting Engineer

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September 28, 2009

Mr. Dave Crea
US Salt Company
P.O. Box 110
Watkins Glen, NY 14891

RE: MIT Well 50

Dear Dave:

A water/brine interface MIT pressure test was conducted on well 50. The well 50 casing was pressured with fresh water for the MIT and well 48 casing was used as the reference well containing saturated brine. The testing was conducted to assure mechanical integrity of the well 50 casing of 6-5/8" 24# at 2121'. Water was pumped to within 50' of the bottom of the casing. The well was allowed to stabilize before the mechanical integrity test on the 6-5/8" casing. Well 48 was used as the reference well and the brine was determined to be saturated. Well 48 has 6-5/8" casing cemented to 2170'. The gallery consists of wells 48, 50, 51 and 56. Wells 56 and well 51 were allowed to operate while the water/ brine interface MIT was conducted with well 50 as the test well and well 48 as the reference well.

Well 50 was pressured with 3560 gallons of fresh water. After the pump was shut off and the valves closed, the static wellhead pressure stabilized and the pressure test started using Ashcroft Digital Test Gauges. Well 50 passed the EPA's MIT casing pressure test requirements for the water/ brine interface pressure test.

MIT of Well 50 API 31-097-61206

Well 50 Construction

Date Drilled	July 1972			
Elevation			727'	
Surface Casing	13-3/8"	48#	42'	Cemented 50 sx Pozmix
Production Casing	8-5/8"	32#	2298'	Cemented 950 sx Pozmix
Casing Liner	6-5/8"	24#	2121'	Cemented Class A
Top of Salt			2060'	
Bottom of Salt			2863'	
Total Depth			2318'	

Logging Date: November 10, 2008

Log Run: Gamma Ray w/ Casing Collar

MIT Date: September 16, 2009

	Digital Test Pressure Gauges			
Time	Well 50 (Water)	Well 48 (Brine)	NPCR	Remarks
Serial #	1304548	1304540		
08:00 am	347.62 psi	134.69 psi	212.93 psi	Start test
10:00 am	319.27 psi	135.91 psi	213.36 psi	
12:00 pm	347.81 psi	134.39 psi	213.42 psi	
02:00 pm	347.95 psi	13488 psi	213.07 psi	
04:00 pm	350.01 psi	137.00 psi	213.01 psi	End test
Change	2.39 psi	2.31 psi		
Avg Start	347.62 psi -	134.69 psi	=212.93 psi	
Avg End	350.01 psi -	137.00 psi	=213.01 psi	

Avg Start - Avg End / Test Hours (212.93 psi - 213.01 psi) / 8 Hrs = 0.010psi/Hr

MIT 8 hour test, change 0.08 psi or 0.010 psi /Hour

Test Limit 0.05 psi / Hr

Well 50 passed the EPA MIT water/brine interface test criteria with 0.010 psi/Hr requirements on September 16, 2009.

NPCR = Net Pressure Change Rate

If you have any questions or comments, please contact me.

Sincerely,

Larry Sevenker
Consulting Engineer
(o) 504-468-1909
(c) 504-388-1909

LARRY SEVENKER

Consulting Engineer

4148 Loire Dr.
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(504) 468-1909

September 28, 2009

Mr. Dave Crea
US Salt Company
P.O. Box 110
Watkins Glen, NY 14891

RE: **MIT Well 51**

Dear Dave:

A water/brine interface MIT pressure test was conducted on well 51. The well 51 casing was pressured with fresh water for the MIT and well 56 casing was used as the reference well containing saturated brine. The testing was conducted to assure mechanical integrity of the well 51 casing of 5-1/2" 15.5# at 2211'. Water was pumped to within 50' of the bottom of the casing. The well was allowed to stabilize before the mechanical integrity test on the 5-1/2" casing. Well 56 was used as the reference well and the brine was determined to be saturated. Well 56 has 8-5/8" casing cemented to 2494'. The gallery consists of wells 48, 50, 51 and 56. Wells 48 and well 50 were allowed to operate while the water/ brine interface MIT was conducted with well 51 as the test well and well 56 as the reference well.

Well 51 was pressured with 2170 gallons of fresh water. After the pump was shut off and the valves closed, the static wellhead pressure stabilized and the pressure test started using Ashcroft Digital Test Gauges. Pressure recordings were recorded at two hour intervals for 8 hours. Well 51 passed the EPA's MIT casing pressure test requirements for the water/ brine interface pressure test.

MIT of Well 51 API 31-097-61207

Well 51 Construction

Date Drilled	September, 1972			
Elevation			664'	
Surface Casing	13-3/8"	NA#	70'	Cemented 100 sx Pozmix
Production Casing	8-5/8"	36#	2209'	Cemented 1050 sx Pozmix
Casing Liner	5-1/2"	15.5#	2211'	Cemented Class A
Top of Salt			1993'	
Bottom of Salt				2798'
Total Depth			2281'	

Logging Date: July 28, 2009
Log Run: Sonar Survey

MIT Date: September 19, 2009

	Digital Test Pressure Gauges			
Time	Well 51	Well 56	NPCR	Remarks
Serial #	1304548	1304540		
11:00 am	334.76 psi	172.75 psi	161.99 psi	Start test
01:00 pm	335.00 psi	173.25 psi	161.75 psi	
03:00 pm	335.93 psi	173.61 psi	162.32 psi	
05:00 pm	334.52 psi	172.10 psi	162.42 psi	
07:00 pm	334.53 psi	172.17 psi	162.36 psi	End test
Change	0.23 psi		0.58 psi	
Avg Start	334.76 psi -	172.75	psi = 161.99 psi	
Avg End	334.53 psi -	172.17 psi =	162.36 psi	

Avg Start - Avg End / Test Hours (161.99 psi – 162.36 psi) / 8 Hrs = 0.046psi / Hr
MIT 8 hour test, change 0.37 psi or 0.046 psi /Hour
Test Limit 0.05 psi / Hr

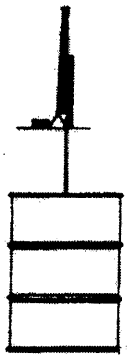
Well 51 passed the EPA MIT for water/brine interface test criteria with 0.046 psi /Hr requirements on September 19, 2009.

NPCR = Net Pressure Change Rate

If you have any questions or comments, please contact me.

Sincerely,

Larry Sevenker
Consulting Engineer
(o) 504-468-1909
(c) 504-388-1909



LARRY SEVENKER

Consulting Engineer

4148 Loire Dr.
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(504) 468-1909

September 28, 2009

Mr. Dave Crea
US Salt Company
P.O. Box 110
Watkins Glen, NY 14891

RE: MIT Well 56

Dear Dave:

A water/brine interface MIT pressure test was conducted on well 56. The well 56 casing was pressured with fresh water for the MIT and well 51 casing was used as the reference well containinç saturated brine. The testing was conducted to assure mechanical integrity of the well 56 casing of 8 5/8" 32# at 2494'. Water was pumped to within 50' of the bottom of the casing. The well was allowe to stabilize before the mechanical integrity test on the 8-5/8" casing. Well 51 was used as the reference well and the brine was determined to be saturated. Well 51 has 5-1/2" casing cemented t 2211'. The gallery consists of wells 48, 50, 51 and 56. Wells 48 and well 50 were allowed to operat while the water/ brine interface MIT was conducted with well 56 as the test well and well 51 as the reference well.

Well 56 was pressured with 6250 gallons of fresh water. After the pump was shut off and the valves closed, the static wellhead pressure stabilized and the pressure test started using Ashcroft Digital Test Gauges. Well 56 passed the EPA's MIT casing pressure test requirements for the water/ brine interface pressure test.

MIT of Well 56 API 31-097-12859

Well 56 Construction

Date Drilled	November 1977			
Elevation			828'	
Surface Casing	13-3/8"	48#	66'	Cemented 60 sx Pozmix
Production Casing	8-5/8"	32#	2494'	Cemented 1300 sx Pozmix
Top of Salt			2168'	
Bottom of Salt				2954'
Total Depth			2528'	

Logging Date: November 13, 2008

Log Run: Gamma Ray w/ Casing Collar

MIT Date: September 12, 2009

	Digital Test Pressure Gauges			
Time	Well 56 (Water)	Well 51 (Brine)	NPCR	Remarks
Serial #	1304540	1304548		
08:40 am	266.28 psi	133.33 psi	132.95 psi	Start test
10:40 am	266.38 psi	133.43 psi	132.95 psi	
12:40 pm	266.96 psi	133.98 psi	132.98 psi	
02:40 pm	267.01 psi	134.05 psi	132.98 psi	
04:40 pm	266.82 psi	133.91 psi	132.91 psi	End test
Change	0.54 psi	0.58 psi		
Avg Start	266.28 psi -	133.33 psi =	132.95 psi	
Avg End	266.82 psi -	133.91 psi =	132.91 psi	

Avg Start - Avg End / Test Hours (132.95 psi - 132.91 psi) / 8 Hrs = 0.005 psi /Hr

MIT 8 hour test, change 0.04 psi or 0.005 psi /Hour

Test Limit 0.05 psi / Hr

Well 56 passed the EPA MIT water/brine interface test criteria with 0.005 psi /Hr requirements on September 12, 2009.

NPCR = Net Pressure Change Rate

If you have any questions or comments, please contact me.

Sincerely,

Larry Sevenker
Consulting Engineer
(o) 504-468-1909
(c) 504-388-1909

LARRY SEVENKER

Consulting Engineer

4148 Loire Dr.
Kenner, LA 70065

(504) 468-1909

September 28, 2009

Mr. Dave Crea
US Salt Company
P.O. Box 110
Watkins Glen, NY 14891

RE: **MIT Well 60**

Dear Dave:

A water/brine interface MIT pressure test was conducted on well 60. The well 60 casing was pressured with fresh water for the MIT and well 62 casing was used as the reference well containing water. The testing was conducted to assure mechanical integrity of the well 60 casing of 7" 23# at 2496'. Water was pumped to within 50' of the bottom of the casing. The well was allowed to stabilize before the mechanical integrity test on the 7" casing. Well 62 was used as the reference well and the casing filled with water. Well 62 has 7" casing cemented to 2767'. The gallery consists of wells 60, 61 and 62. Wells 60 tubing and well 61 were allowed to operate while the water/ brine interface MIT was conducted with well 60 casing as the test well and well 62 as the reference well.

Well 60 was pressured with 1360 gallons of fresh water. After the pump was shut off and the valves closed, the static wellhead pressure stabilized and the pressure test started using Ashcroft Digital Test Gauges. Pressure recordings were recorded at two hour intervals for 8 hours. Well 60 passed the EPA's MIT casing pressure test requirements for the water/ brine interface pressure test.

MIT of Well 60 API 31-097-23033

Well 60 Construction

Date Drilled	June, 2003			
Elevation			797'	
Surface Casing	16"	62.5#	172'	Cemented 180 sx Class A
Protection Casing	10-3/4"	45#	2050'	Cemented 515/318 sx Unifill/Class A
Production Casing	7"	23#	2496	Cemented 135/410 sx Unifill/Class A
Tubing Liner	4-1/2"	10.6#	4179'	Horizontal at 2850'
Top of Salt			2133'	
Bottom of Salt				2860'
Total Depth			2516'	

Logging Date: November 19, 2008

Log Run: Gamma Ray w/ Casing Collar

MIT Date: September 24, 2009

	Digital Test Pressure Gauges					
Time	Well 60 Csg (Water)		Well 62 (Water)		NPCR	Remarks
Serial #	1304540		1304548			
07:00 am	303.18 psi		370.15 psi		66.97 psi	Start test
09:00 am	303.68 psi		370.63 psi		66.95 psi	
11:00 am	304.24 psi		371.28 psi		67.04 psi	
01:00 pm	304.92 psi		372.05 psi		67.13 psi	
03:00 pm	305.35 psi		372.59 psi		67.24 psi	End test
Change	2.17 psi		2.44 psi			
Avg Start	303.18 psi	-	370.15 psi	=	66.97 psi	
Avg End	305.35 psi	-	372.59 psi	=	67.24 psi	

Avg Start - Avg End / Test Hours (66.97 psi – 67.24 psi) / 8 Hrs = 0.034 psi / Hr

MIT 8 hour test, change 0.27 psi or 0.034 psi /Hour

Test Limit 0.05 psi / Hr

Well 60 casing annulus passed the EPA MIT for water/brine interface test criteria with 0.034 psi /Hr requirements on September 24, 2009.

NPCR = Net Pressure Change Rate

If you have any questions or comments, please contact me.

Sincerely,

Larry Sevenker

Larry Sevenker
Consulting Engineer
(o) 504-468-1909
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LARRY SEVENKER

Consulting Engineer

4148 Loire Dr.
Kenner, LA 70065

(504) 468-1909

September 28, 2009

Mr. Dave Crea
US Salt Company
P.O. Box 110
Watkins Glen, NY 14891

RE: **MIT Well 61**

Dear Dave:

A water/brine interface MIT pressure test was conducted on well 61. The well 61 casing was pressured with fresh water for the MIT and well 60 tubing was used as the reference well containing water. The testing was conducted to assure mechanical integrity of the well 61 casing of 7" 23# at 2200'. Water was pumped to within 50' of the bottom of the casing. The well was allowed to stabilize before the mechanical integrity test on the 7" casing. Well 60 tubing was used as the reference well and the tubing filled with water. Well 60 has 7" casing cemented to 2494' and the tubing run through the curve to the horizontal section at the bottom of the salt. The gallery consists of wells 60, 61 and 62. Wells 62 and well 60 casing were allowed to operate while the water/ brine interface MIT was conducted with well 61 as the test well and well 60 tubing as the reference well.

Well 61 was pressured with 3430 gallons of fresh water. After the pump was shut off and the valves closed, the static wellhead pressure stabilized and the pressure test started using Ashcroft Digital Test Gauges. Pressure recordings were recorded at two hour intervals for 8 hours. Well 61 passed the EPA's MIT casing pressure test requirements for the water/ brine interface pressure test.

MIT of Well 61 API 31-097-22770

Well 61 Construction

Date Drilled	April, 1999			
Elevation			793'	
Surface Casing	16"	52#	95'	Cemented 115 sx Class A
Protection Casing	10-3/4"	51#	1970'	Cemented 1380 sx Pozmix
Production Casing	7"	23#	2200'	Cemented 660 sx Pozmix
Top of Salt			2114'	
Bottom of Salt				2840'
Total Depth			2122'	

Logging Date: November 10, 2008
Log Run: Gamma Ray w/ Casing Collar

MIT Date: September 22, 2009

	Digital Test Pressure Gauges					
Time	Well 61 (Water)		Well 60 Tubing(Wtr)		NPCR	Remarks
Serial #	1304540		1304548			
06:00 am	327.61 psi		388.72 psi		61.11 psi	Start test
08:00 am	328.05 psi		389.20 psi		61.15 psi	
10:00 am	328.52 psi		389.88 psi		61.36 psi	
12:00 pm	328.76 psi		390.12 psi		61.36psi	
02:00 pm	329.14 psi		390.59 psi		61.45 psi	End test
Change	1.53 psi			1.87 psi		
Avg Start	327.61 psi	-	388.72 psi	=	61.11 psi	
Avg End	329.14 psi	-	390.59 psi	=	61.45 psi	

Avg Start - Avg End / Test Hours (61.11 psi – 61.45 psi) / 8 Hrs = 0.043 psi / Hr
MIT 8 hour test, change 0.33 psi or 0.043 psi /Hour
Test Limit 0.05 psi / Hr

Well 61 casing passed the EPA MIT for water/brine interface test criteria with 0.043 psi /Hr requirements on September 22, 2009.

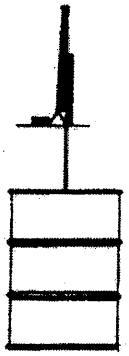
NPCR = Net Pressure Change Rate

If you have any questions or comments, please contact me.

Sincerely,

Larry Sevenker

Larry Sevenker
Consulting Engineer
(o) 504-468-1909
(c) 504-388-1909



LARRY SEVENKER

Consulting Engineer

4148 Loire Dr.
Kenner, LA 70065

(504) 468-1909
September 28, 2009

Mr. Dave Crea
US Salt Company
P.O. Box 110
Watkins Glen, NY 14891

RE: **MIT Well 62**

Dear Dave:

A water/brine interface MIT pressure test was conducted on well 62. The well 62 casing was pressured with fresh water for the MIT and well 60 casing was used as the reference well containing water. The testing was conducted to assure mechanical integrity of the well 62 casing of 7" 23# at 2767'. Water was pumped to within 50' of the bottom of the casing. The well was allowed to stabilize before the mechanical integrity test on the 7" casing. Well 60 was used as the reference well and the casing filled with water. Well 60 has 7" casing cemented to 2496'. The gallery consists of wells 60, 61 and 62. Wells 60 tubing and well 61 were allowed to operate while the water/ brine interface MIT was conducted with well 62 as the test well and well 61 as the reference well.

Well 62 was pressured with 4493 gallons of fresh water. After the pump was shut off and the valves closed, the static wellhead pressure stabilized and the pressure test started using Ashcroft Digital Test Gauges. Pressure recordings were recorded at two hour intervals for 8 hours. Well 62 passed the EPA's MIT casing pressure test requirements for the water/ brine interface pressure test.

MIT of Well 62 API 31-097-23969

Well 62 Construction

Date Drilled	May, 2007			
Elevation			795'	
Surface Casing	16"	62.5#	174'	Cemented 230 sx Class A
Protection Casing	10-3/4"	45#	2105'	Cemented 1244 sx Pozmix
Production Casing	7"	23#	2767	Cemented 615 sx Pozmix
Top of Salt			2123'	
Bottom of Salt				2840'
Total Depth			2776'	

Logging Date: November 20, 2008

Log Run: Gamma Ray w/ Casing Collar

MIT Date: September 24, 2009

	Digital Test Pressure Gauges					
Time	Well 62 (Water)		Well 60 Csg (Water)		NPCR	Remarks
Serial #	1304540		1304548			
07:30 am	370.22 psi		303.27 psi		66.95 psi	Start test
09:30 am	370.76 psi		303.79 psi		66.97 psi	
11:30 am	371.60 psi		304.54 psi		67.06 psi	
01:30 pm	372.32 psi		305.17 psi		67.15 psi	
03:30 pm	372.60 psi		305.32 psi		67.28 psi	End test
Change	2.38 psi		2.05 psi			
Avg Start	370.22 psi	-	303.27 psi	=	66.95 psi	
Avg End	372.60 psi	-	305.32 psi	=	67.28 psi	

Avg Start - Avg End / Test Hours (66.97 psi – 67.24 psi) / 8 Hrs = 0.034 psi / Hr

MIT 8 hour test, change 0.27 psi or 0.034 psi /Hour

Test Limit 0.05 psi / Hr

Well 62 casing passed the EPA MIT for water/brine interface test criteria with 0.034 psi /Hr requirements on September 24, 2009.

NPCR = Net Pressure Change Rate

If you have any questions or comments, please contact me.

Sincerely,

Larry Sevenker
Consulting Engineer
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